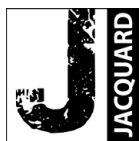


# SAFETY DATA SHEET (SDS)



Jacquard Products  
Manufactured by Rupert, Gibbon & Spider, Inc.  
P.O. Box 425 | Healdsburg, CA 95448  
800.442.0455 | Fax: 707.433.4906  
www.jacquardproducts.com

Cochineal - Pg 1

Revision Date: 05/23/2018

## SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	<b>COCHINEAL</b>	
Product Number/Code:	<b>JAC1697, JAC2697, JAC3697, JAC4697</b>	
Recommended Use:	Dye for fabric	
Description:	Dried female insects of the species <i>Dactylopius coccus</i>	
Restrictions on use:	None known	
Manufacturer:	Rupert, Gibbon & Spider, Inc. 1147 Healdsburg Ave. Healdsburg, CA 95448 1-800-442-0455 / 707-433-9577	
Emergency Number:	<b>ChemTel, Inc. - Contract #MIS9128344</b>	
	North America: <b>1-800-255-3924</b>	International: <b>1-813-248-0585</b>

## SECTION 2 - HAZARD(S) IDENTIFICATION

**This product is not considered to be or contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, reference 29 CFR 1910.1200.**

### Toxicological Data on Ingredients:

Hazard Classification	Not hazardous
Physical Hazards:	Not classified
Health Hazards:	Not classified
Environmental Hazards:	Not classified

### Label Elements

Pictogram:	None
Signal Words:	None
<b>Hazard Statements-EU:</b>	The mixture does not meet the criteria for classification.

### Precautionary Statements-EU:

Prevention:	See section 8
Response:	See sections 4, 5 & 6
Storage:	See section 7
Disposal:	See section 13
Hazard(s) not otherwise classified:	None known

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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical identity	Content in percent (%)*	CAS #
Cochineal extract powder	100	N/A

## SECTION 4 - FIRST AID MEASURES

Description of first aid measures:	
In the event of skin contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
In the event of eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
In the event of swallowing:	Clean mouth with water. Get medical attention.
In the event of exposure by inhalation:	Remove from exposure, lie down. Move to fresh air.
Most important symptoms and effects:	No information available
Notes to physician:	Treat symptomatically.

## SECTION 5 - FIREFIGHTING MEASURES

Suitable extinguishing media:	Water spray, carbon dioxide (CO <sub>2</sub> ), dry chemical, chemical foam
Unsuitable extinguishing media:	No information available
Special hazards arising from the substance or mixture:	Keep product and empty container away from heat and sources of ignition.
Hazardous combustion products:	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Use personal protective equipment.
Methods and material for containment and clean up:	Sweep up or vacuum up spillage and collect in suitable container for disposal.
Environmental procedures:	See section 12 for additional ecological information.

## SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with skin and eyes. Do not breathe dust. Do not breathe vapors or spray mist.
Conditions for safe storage including any incompatibilities:	Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Control parameters:</b>	
Occupational exposure limits:	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate engineering controls:	Ensure that eyewash stations and safety showers are close to the work-station location.
<b>Individual protection measures, such as personal protective equipment:</b>	
Eye/face protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin protection:	Wear appropriate protective clothing to prevent skin exposure.
Hand protection:	Wear appropriate protective gloves to prevent skin exposure.
Environmental exposure controls:	Handle in accordance with good industrial hygiene and safety practice.
Respiratory protection:	A NIOSH/MSHA approved air purifying dust or mist respirator or European Standard EN149.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>General information:</b>	
Appearance and physical state:	Powder solid
Color:	Reddish-violet
Type of Odor:	No information available
Odor threshold:	No information available
<b>Important health, safety and environmental information:</b>	
Initial Boiling Point and Boiling Range:	No information available
Melting Point/Freezing Point:	No data available
Flammability Classification:	No information available
Flash Point:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Flammability Limits (lower/upper):	No data available
Evaporation rate:	No information available
Vapor Pressure:	No information available
Vapor Density (Air=1):	No information available
Octanol/Water Partition Coefficient (log Pow):	No information available
Specific Gravity:	No information available
Bulk Density:	No information available
Water Solubility:	No information available
pH:	No information available
Viscosity:	No information available
Explosive Properties:	No information available
Oxidizing Properties:	No information available
Molecular Formula:	No information available
Molecular Weight:	No information available
Relative Density:	No information available

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	None known, based on information available.
Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	Incompatible products.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> )

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## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Information on toxicological effects:</b>	
Acute toxicity (list all possible routes of exposure)	
Acute Oral Toxicity:	No acute oral toxicity information is available for this product. Oral LD50: Based on ATE data, the classification criteria are not met. ATE > 2,000 mg/kg.
Acute Dermal Toxicity:	Dermal LD50: Based on ATE data, the classification criteria are not met. ATE > 2,000 mg/kg.
Acute Inhalation Toxicity:	Mist LC50: Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.
Skin Corrosion/Irritation:	No information available
Serious Eye Damage / Eye Irritation:	No information available
Respiratory or Skin Sensitization:	No information available
Endocrine Disruptor Information:	No information available
Germ Cell Mutagenicity:	No information available
Carcinogenicity (IARC, NTP, ACGIH, OSHA, Mexico):	Not listed
Reproductive Toxicity:	No information available
Specific Target Organ Toxicity - single exposure (STOT-se):	None known
Specific Target Organ Toxicity - repeated exposure (STOT-re):	None known
Aspiration Hazard:	No information available
Other Adverse Effects:	The toxicological properties have not been fully investigated.

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Toxicity:</b>	
Ecotoxicity:	Do not empty into drains.
Persistence and degradability:	No information available
Bioaccumulative potential:	No information available
Mobility in soil:	No information available

## SECTION 13 - DISPOSAL CONSIDERATIONS

<b>Waste treatment methods:</b>	
Disposal:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

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## SECTION 14 - TRANSPORT INFORMATION

General Information:	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).
UN number:	Not relevant
UN proper shipping name:	Not relevant
Transport hazard class:	Not relevant
Packing group:	Not relevant
<b>Environmental Hazards:</b>	
Environmentally hazardous substance:	No
Special precautions for user:	Not relevant

## SECTION 15 - REGULATORY INFORMATION

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b>		
Hazard categories		
US Federal Regulations		
TSCA 12(b):	Not applicable	
SARA 313:	Not applicable	
Sara 311/312 Hazardous Categorization:	Acute Health Hazard:	No
	Chronic Health Hazard:	No
	Fire Hazard:	No
	Sudden Release of Pressure Hazard:	No
	Reactive Hazard:	No
Clean Water Act	Not applicable	
Clean Air Act:	Not applicable	
OSHA (Occupational Safety and Health Administration):	Not applicable	
CERCLA:	Not applicable	
California Proposition 65:	This product does NOT contain any Proposition 65 chemicals.	
State Right-to-Know:	Not applicable	
US Department of Transportation		
Reportable Quantity (RQ):	No	
DOT Marine Pollutant:	No	
DOT Severe Marine Pollutant:	No	
US Department of Homeland Security:	This product does not contain any DHS chemicals.	
Other International Regulations:		
Medico - Grade:	No information available	
Canada:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.	
WHMIS Hazard Class:	Non-controlled	

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## SECTION 16 - OTHER INFORMATION

<b>HMIS Hazard ID:</b>	
Health:	0
Flammability:	0
Reactivity:	0
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

**Disclaimer:**

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

**Revision Date: 05/23/2018**

<b>National Chemical Inventories:</b>	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)

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<b>Abbreviations:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System